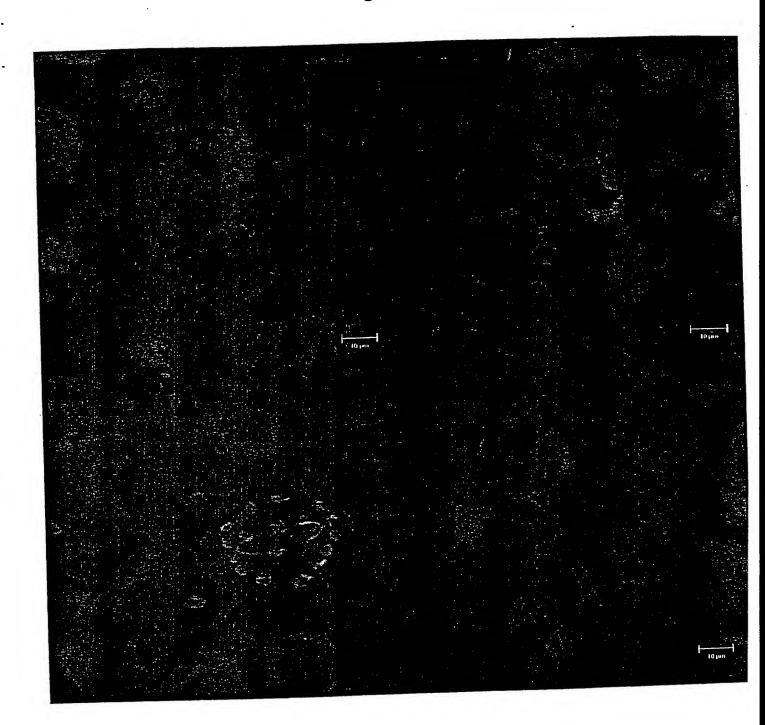
Figure 1

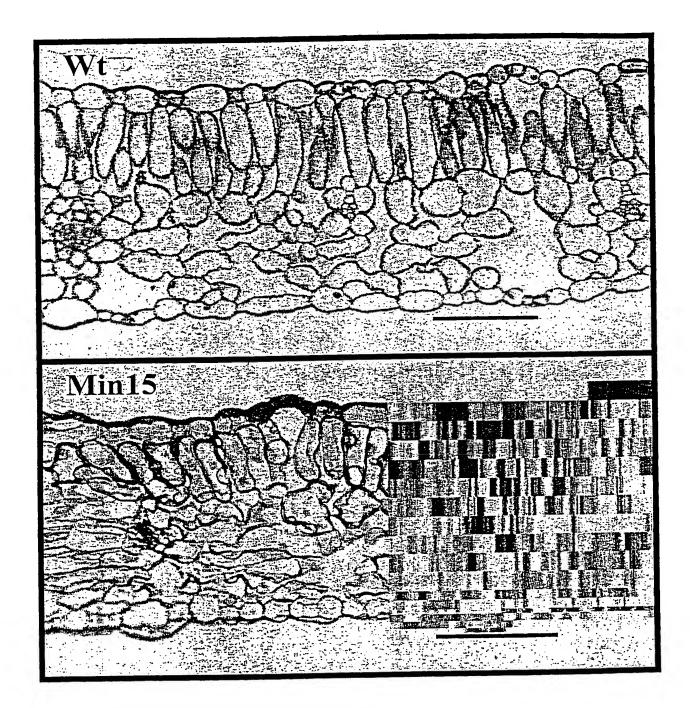
	MASTRIFST	J HOSTITAGE	T. CO.				
	••••••	, udarrrass	L SQKTLISSP	R FVNNPSRRS	P IRSVLQFNRK	PELAGETPRI	60
-	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	 MVFSTGNGNG 	DDNSKCIEDI	
- 1	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •		MNRT	. 4
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-	WITTERE						
1	TVITTECTCCT	GRITITANV(3 LSLARYGFSV	VAIDADLGLE	NLDLLLGLEN	RVNYTCVEVI	120
1		GT/T T T TW//T/	- MSIARLGYRU	/ AT.TD&DT@T 8	ATT DT T + 4		
1		GUTTTTHML	= AALARLGKKV	VI.IDADECT 8	ATT DITTE OF THE		
1	V-D-D-Z-V V X * * * * * *	GILLISSWATE	I TGLAQKGKKI	VVIDFDIGLR	NLDLIMGERR	RVVYDFVNVT	64
1	***	***					0.4
1	MODODEDA						
L	MCDCKIDQAL	VRDKRWSNFE	LLCISKPRSK	LPMGFGGKAL	EWLVDALKRT	PEFSPDFIIT	180
	z g	TIME	LILAISKNROK	YATATI TEATA	OLTE TEL CENT		
1	TDECT TO ONLY	AVDVKTBNTA	LLPAAONRSK	DATNATOMOO	T T 777 0 7		118
1	GGDATTMOAT	TKDKRTENLY	ILPASQTRDK	DADLTREGVA	veglk	.AMDFEFIVC	120
Ι.			•				
	DCPAGIDARG	ITAITPANEA	VLVTTPDITA	LRDADRVTGL	LECDGIRDIK		232
1,	DCEMGIDAGE.	INAIASAQEA	VIVTTPEITA	IRDADRVACT.	T.FANCTVARTE		187
1 '	CENGITAGE.	RNAVAPAQEA	IIVTTPEMSA	VRDADBUTCT.	TENDOTORO		168
4	DSPAGIETGE	ALMALYFADE	AIITTPEVSS	VRDSDRILGI	LASKSRRAEN	GEEPIKEH	178
				•			170
	/TIN19159 === -						
. P	TIVNRVRIDM	IKGEDMMSVL	DVQEMLGLSL	LGVIPEDSEV	IRSTNRGFPL V	VLNKPPTLAG	292
_		TOWNDEWS AK	DVOEMTGTPT.	T.CATDEDMCtr	TTOMITTON -		247
		▲ GTTM GWT 2 A F:	DILDLLAVPI.	TGTT.PDDART	TTCMMMODDS -		228
_	TTTRINPGR	VSRGDMLSME	DVLEILTIKL	VGVIPEDQSV :	LRASNQGEPV I	LDINA DAG	237
т	A FFOR A TOTAL	1750D C					
~ T	AFENAARRL	. VEQUSMKAV	MVEEEPKKRG	.FF.SFFGG	Arabid	opsis	328
		revonatior	TSPQKGMFQK	.LQE.FFLGEE	Chlore		286
T/	y a y durance : . er antwekti j	EG.QDIPFLD	FMAAHNTLLN	RIRRRLLGG			266
Λ.	VTWDIAEKT]	LGEERPFR	FIEEE.KK.G	.FLKRLFGG	E. col:	_	271
							_ · _

Figure 2



D

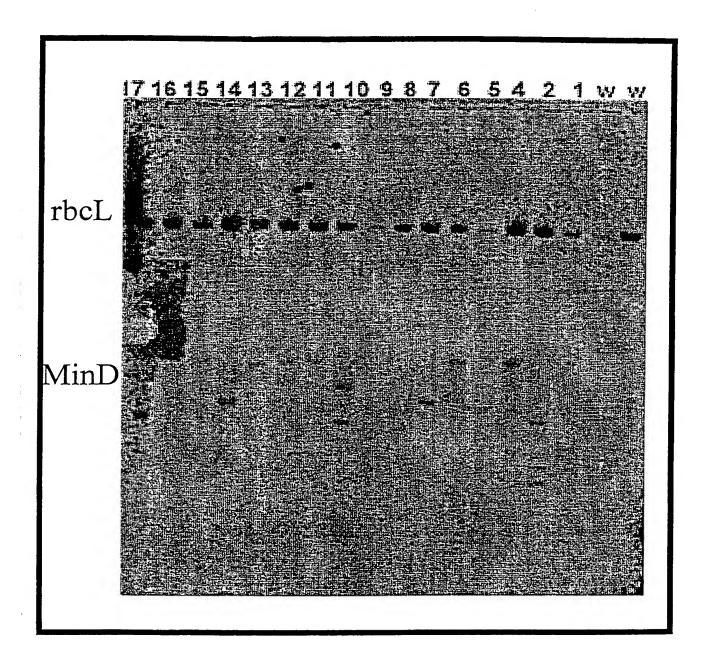
Figure 3

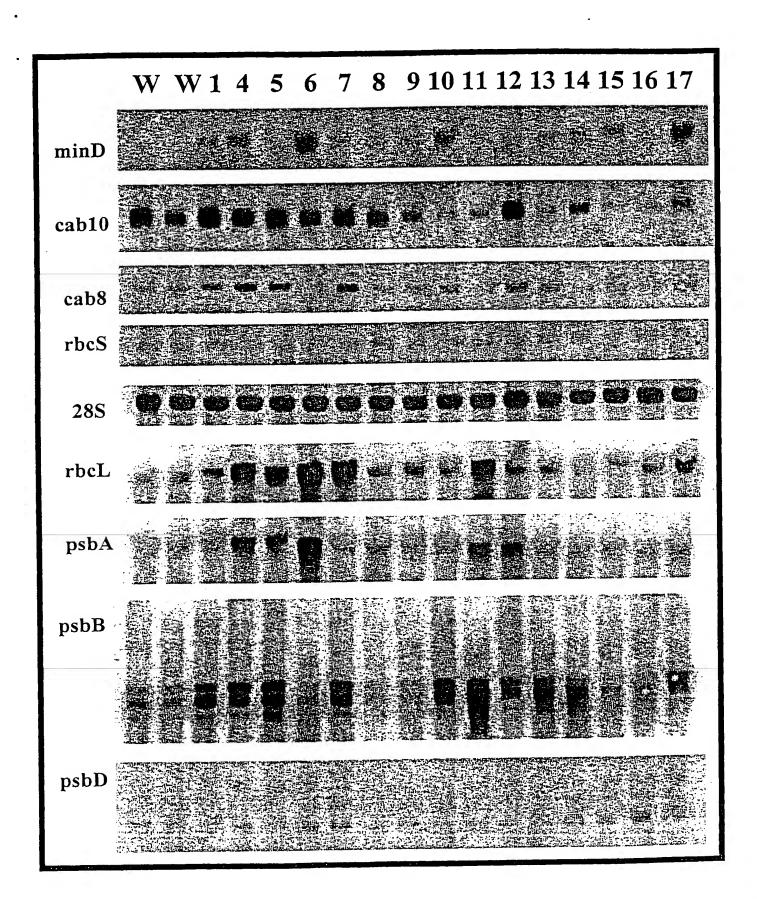


2_

Figure 4







	Chlorophyll Content		Fluorescence Measurements			
Line	Total Chl (ug/mg)	Chla/b (ratio)	Fo (relative units)	Fm (relative units)	Fv/Fm (relative units)	
WT AtMin4 AtMin5 AtMin 8 AtMin 9 AtMin 10 AtMin 17	1.99 1.71 1.58 1.46 1.66 1.53 1.44	3.11 2.64 3.01 3.07 3.00 2.95 2.71	137.4±12.0 135.7±11.8 136.5±17.1 128.5±32.3 125.5±19.9 136.5±11.3 139.5±20.6	616.6±34.0 636.2±27.1 , 534.9±66.1 489.9±78.6 520.5±58.3 543.1±14.3 564.9±32.7	0.777±0.015 0.787±0.017 0.757±0.020 0.741±0.037 0.759±0.018 0.748±0.025 0.756±0.032	
WT AtMin 1 AtMin 12 AtMin 13 AtMin 14 AtMin 15 AtMin 16	1.69 1.74 1.60 1.91 1.59 1.59	3.08 2.80 3.11 3.28 3.07 2.94 2.89	105.6±14.9 126.4±08.6 123.4±16.6 115.9±17.9 113.6±17.2 119.1±19.5 122.1±10.7	441.9±58.5 436.7±27.2 455.3±84.4 441.5±64.5 444.1±58.2 433.0±45.9 447.7±41.0	0.760±0.016 0.714±0.035 0.724±0.040 0.737±0.011 0.743±0.017 0.724±0.037 0.725±0.019	

The measurements were taken over two days, and due to variation in the F_0 and F_M measurements these were kept separate. Fluorescence measurements are averaged from eight samples.

Figure 8

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uill	1		0	
Ecoli .	1		0	
esecido	1		0	
leiss	1	Matllcogtfaphrswsgrkgtrrvsk7tlnrlhvrssskagagfv	SD 48	
Thlorel	1	MATILICOGII ATRIAS MATILICO IN ATRIA I SPENTROVEVI LARITI	GD 77	
AtMinE	1	Matiliogeter induced the transfer of the second transfer of the seco		
Syne Suill Ecoli Pseudo Neiss Chlorel AtMinE	1 1 1 1	MILZBIERBFSRSGKNSGEDER KIVEING SGL-SPEMMEERR MITTEFERBFLSHKGSREDWER KIVEING STLNASTLEKMRE MAELDFELSRKKNTANIER CCETVEER RSD-AEPHYLPOURK MSTLDFERSRKSCNSASIER CCETVEER GOR-AOPDYLPOUCK MSTILLFERK	EE 48 EE 47 DE 46 DE 47 EE 47 SE 12	
Syne	49	H. DELON HOUR PROPERTY OF THE	97 88	
Guill	43	The Aller of the Control of the Cont	88	
Ecoli	47	PETTECKY OTD-PEMITYOLECKOGDISTLETHYTTPEAR-	84	
Pseudo	43	Weight over the Land Addition of Charles and Charles a	87	
Neiss	48			
Chlorel	123	CAUSAY DIFFEEE TENLSTOPELGTTY SUAPENCE FYCH VEAGT ITNVEY KUTROGS VOURFUE TYPE	229	
ARMinE	157	EKEESDEEPERS FRY WITHING & COOPERS I HIS COMMENS ASSESSED.		

Figure 9

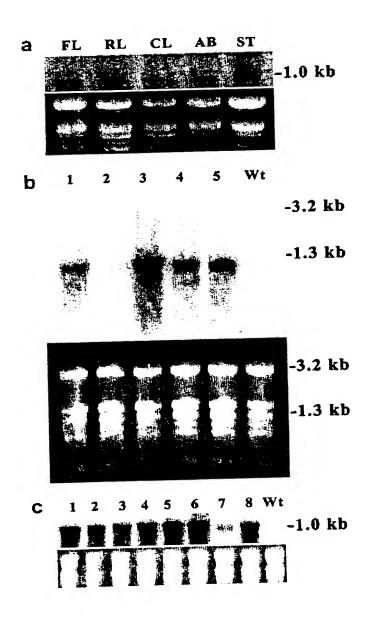


Figure 10

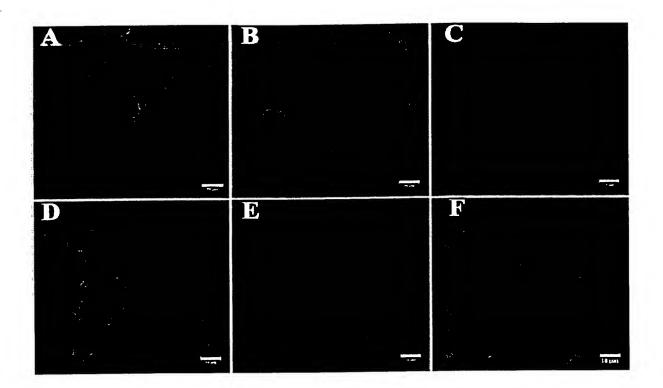


Figure 11



Figure 12

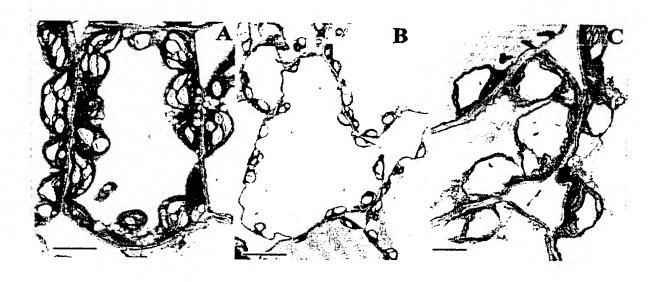


Figure 13

